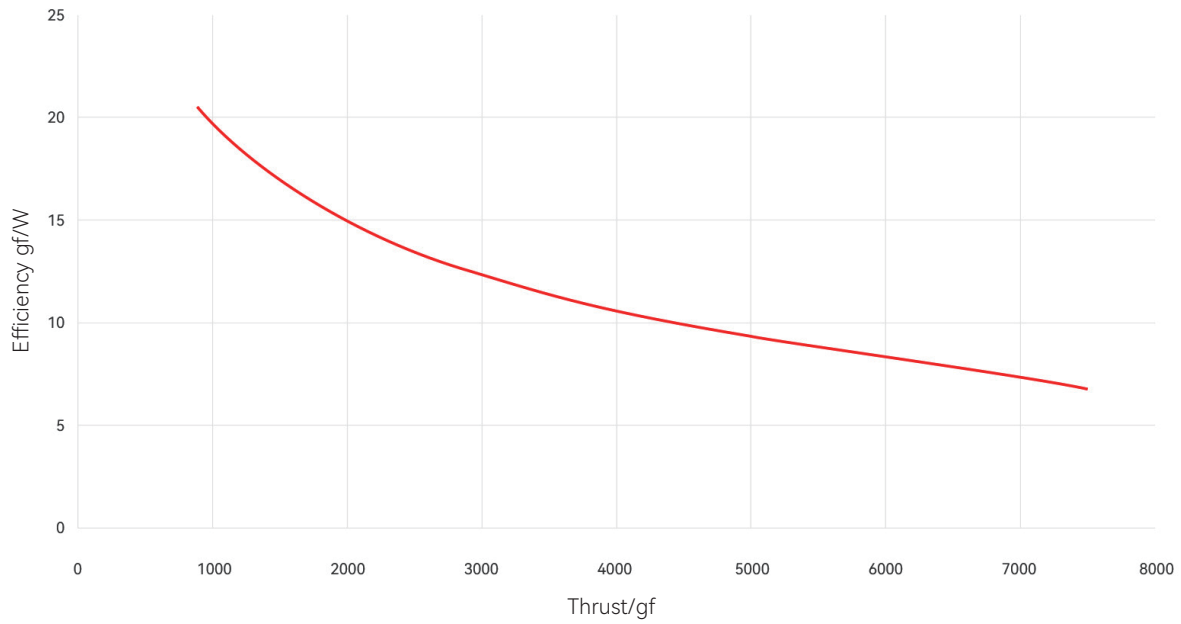


# I7 KV80

Test Data							
Type	Voltage (V)	Throttle	Current (A)	Thrust (gf)	Motor Efficiency (%)	Overall Efficiency (gf/W)	Operating Temperature (°C)
I7 KV80 + 14S FOC 50A + I30	48.04	30%	0.91	893	78.3	20.4	89 (Ambient Temperature: 30)
	48.03	35%	1.43	1248	80.8	18.2	
	48.01	40%	2.11	1651	82.8	16.3	
	48.00	45%	2.96	2087	84.0	14.7	
	47.97	50%	4.06	2573	83.6	13.2	
	47.94	55%	5.40	3133	83.9	12.1	
	47.90	60%	7.11	3738	82.9	11.0	
	47.86	65%	9.19	4417	82.1	10.0	
	47.80	70%	11.73	5149	81.0	9.2	
	47.74	75%	14.93	5962	79.2	8.4	
	47.64	80%	19.62	6943	75.7	7.4	
	47.57	85%	23.06	7486	72.1	6.8	
	47.56	90%	23.12	7482	71.9	6.8	
	47.56	95%	23.25	7473	71.5	6.8	
	47.56	100%	23.31	7481	71.2	6.8	

Note: Motor temperature is the motor surface temperature at 80% throttle running 3min.  
 (Data above based on IPET SYSTEMS benchtest are for reference only. Final interpretation rights reserved by IPET SYSTEMS.)

### Thrust-Efficiency Curve



### Contents



I7 Power System CW\*2  
 I7 Power System CCW\*2  
 (Excl. Carbon Tube)